

باسمه تعالی

خلاصه پرونده علمی نامزد عضویت مدعو

در فرهنگستان علوم

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تلفن همراه:

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تلفن:

۱- مدارک و مراتب علمی و سوابق همکاری

۱-۱ مدارک تحصیلی

مدارک علمی	رشته تحصیلی	محل اخذ	سال اخذ
دکتری تخصصی	ویروس شناسی	دانشگاه تربیت مدرس	۱۳۹۰
کارشناسی ارشد	ویروس شناسی	دانشگاه تربیت مدرس	۱۳۸۴
کارشناسی	زیست شناسی سلولی و مولکولی - میکروبیولوژی	دانشگاه تهران	۱۳۸۰

۱-۲ مراتب علمی

مرتبۀ علمی	دانشگاه	از تاریخ	پایه
دانشیار	دانشگاه تهران	۱۳۹۹	۳۱
استادیار	دانشگاه تهران	۱۳۹۲	-

۱-۳ سوابق همکاری

سابقه همکاری با فرهنگستانها	از تاریخ	تا تاریخ
شرکت در جلسات شاخه زیست شناسی	۱۳۹۴	۱۴۰۵
شرکت در جلسات گروه زیست پزشکی فرهنگستان	۱۴۰۳	۱۴۰۵

ذکر فعالیتها و سوابق اجرایی در فرهنگستان علوم:

- مسئولیتها در فرهنگستان علوم
- فهرست سخنرانیهای انجام شده در فرهنگستان
- بررسی وضعیت نظریه حیات در ویروسها
- تحولات نوین در حوزه سلول درمانی و ژن درمانی: نگاهی به دستاوردهای ۲۰۲۴ و چشم انداز ۲۰۲۵
- **Gene Therapy: So Far, Yet So Close**

- فهرست مقالات چاپ شده در فرهنگستان
- طرح های پژوهشی انجام شده در فرهنگستان و ...

۲- صاحب نظر بودن در رشته تخصصی خود:

ایشان در رشته ویروس شناسی دانشگاه تهران جزو افراد صاحب نظر هستند. به علاوه نامبرده در حوزه میکرو رناها و رناهای غیر رمزگذار دارای انتشارات متعدد هستند و شناخته شده می باشند.

۳- داشتن حسن شهرت علمی و عمومی:

آقای دکتر احسان عارفیان در حوزه علوم زیستی و رشته تخصصی خود یعنی ویروس شناسی و میکروبیولوژی از حسن شهرت و اشتیاق علمی برخوردار هستند. به علاوه، صلاحیت اخلاقی و رفتاری مشارالیه نیز کاملاً مورد تأیید است. ایشان به حسن رفتار و اخلاق حسنه در محیط دانشگاه و کمیته ها و شوراهای مختلف مشهور هستند و قوانین و مقررات عمومی کشور را نیز کاملاً رعایت می کنند.

۴- داشتن آثار، تحقیقات و مقالات معتبر علمی متعدد:

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- مقاله‌های ارائه شده در همایش‌های داخلی: بیش از ۷۰ مقاله

- مقاله‌های ارائه شده در همایش‌های بین‌المللی: بیش از ۳۵ مقاله

- کتاب‌های تالیف شده: ۲ کتاب

- کتاب‌های ترجمه شده: -

- طرح‌های پژوهشی:

محل تصویب	طرح
CAS و INSF	Mechanistic study and drug discovery against the invasion of SARS-CoV-2
INSF	القای مرگ سلولی در سلول‌های گلیوبلاستوما توسط آگزوزوم‌های هدفمند شده به واسطه آنتی بادی‌های ضد EGFRvIII محتوی سیتوزین دامیناز نو ترکیب مخمر ساکارومایسس سرویزیه
NIMAD	Design and construction of recombinant retrovirus containing cytosine deaminase / TRAIL and apoptotic microRNA in order to overcome glioblastoma drug-resistant cells and to evaluate the effectiveness of transferring by mesenchymal stem cell or recombinant oncolytic virus in vitro and in vivo
ستاد توسعه علوم و فناوری های سلول های بنیادی	بررسی اثر سلول بنیادی مزانشیمی دستکاری شده به واسطه ویروس نو ترکیب حاوی سازه ژنی ترکیبی بیان کننده ژن کشنده تایمیدین کیناز TK و miRNA های القا کننده آپوپتوز در مهار تکثیر و اعمال آپتوز در گلیوبلاستوما
های شبکه ملی مدلسازی حیوانی و تحقیقات درون تنی	استفاده از سلول‌های بنیادی مزانشیمی به عنوان وکتور در مطالعات پیش‌بالینی ژن‌درمانی و ایمنی‌درمانی گلیوما و ارزیابی اثرات ضد توموری آن در مدل موشی

- آثار هنری:

- جایزه‌ها و نشان‌های علمی داخلی:

- کسب جایزه ابوریحان به عنوان پژوهشگر جوان علوم پایه از فرهنگستان علوم ۱۳۹۴

- کسب مقام دوم هجدهمین جشنواره رازی در گروه علوم پایه پزشکی سال ۱۳۹۱

- کسب مقام دوم هفدهمین جشنواره رازی در گروه علوم پایه پزشکی سال ۱۳۹۰

- جایزه‌ها و نشان‌های علمی بین‌المللی:

- سایر

۵- داشتن خدمات ارزشمند در سازندگی و ارتقای سطح علمی و پیشرفت کشور:

- سوابق علمی اجرایی:

- معاون علمی دانشکده بیوتکنولوژی دانشگاه تهران

- دبیر ستاد توسعه فناوری های پزشکی بازساختی و سلول های بنیادی

- معاونت پژوهشی و تحصیلات تکمیلی دانشکده زیست شناسی دانشگاه تهران ۱۳۹۶ الی ۱۳۹۹

- مدیر آموزش، پژوهش و توسعه منابع انسانی ستاد توسعه علوم و فناوری‌های سلول های بنیادی- معاونت علمی ریاست

جمهوری از ۱۳۹۵ تا ۱۴۰۲

- معاونت اجرایی ستاد توسعه علوم و فناوری‌های سلول های بنیادی- معاونت علمی ریاست جمهوری ۱۳۹۲-۱۳۹۴

- مسئول کمیته علمی المپیاد سلول های بنیادی و مهندسی بافت

- مسئول گروه داورى تخصصى علوم زيستى و پزشكى در مرحله كشورى بخش دانش آموزى بيست و يكمين جشنواره جوان خوارزمى
- مدير بخش ميكروبيولوژى
- عضو كميته فناورى سلولهاى بنيادى دانشگاه تهران
- عضو ستاد راهبردى فناورى سلول هاى بنيادى بازساختى دانشگاه تهران
- عضو كارگروه ارايه روش هاى درمان و توليد واكسن براى ويروس كويد - ۱۹
- عضو كارگروه " حسگر ۱۵ و كيت هاى تشخيص ويروس كويد - ۱۹"
- عضو كميته علمى المپياد سلول هاى بنيادى و پزشكى بازساختى
- عضو شوراي علمى مركز آموزشى و پژوهشى زيست مواد
- عضو شوراي پژوهشى پژوهشكده ژن، سلول و بافت دانشگاه علوم پزشكى تهران
- عناوين خدمات ارزشمند:

- عناوين فعاليت هاى علمى - پژوهشى انجام شده در فرهنگستان ها:
- شركت در جلسات شاخه زيست شناسى از سال ۹۴ الى ۹۹
- ارايه سخنرانى بررسى حيات در ويروس ها در شاخه زيست شناسى
- ساير:

۶- داشتن انگيزه پويابى و نشاط علمى:

اهتمام و علاقمندى به تدريس در مقاطع مختلف تحصيلى كارشناسى، كارشناسى ارشد و دكتورى و رضايست دانشجويان از نحوه تدريس ايشان و اقبال دانشجويان تحصيلات تكميلي به انتخاب پايان نامه و رساله با نامبرده و چاپ بيش از ۱۳۰ مقاله بين المللى و كسب حدنصاب بالا در شاخص اچ (۲۷) و تعداد ارجاعات قابل توجه (۲۰۹۵) در حدود ۱۱ سال حاكى از پويابى و نشاط علمى ايشان دارد.

۷- پروردن دانشجويان و يا پژوهشگران شايسته:

- دكتوراى تخصصى: ۱۴ نفر
- كارشناسى ارشد: ۳۷ نفر
- ساير: پسادكتورى ۱ نفر

۸- داشتن روح ابتكار و بصيرت عميق در سياستگذارى علم:

فعاليت، عضويت و مسؤليت در شوراهاى آموزشى و پژوهشى و كميته هاى مختلف برنامه ريزى در سطوح مختلف دانشكده و وزارتى علوم و بهداشت حاكى از بصيرت و روحيه ابتكار ايشان در سياستگذارى علوم زيستى دارد.

۹- جامع نگری و نظریه پردازی در ارتباط با چالش ها و نیازهای کلان کشور:

حضور فعال در ستاد توسعه فناوری های پزشکی بازساختی و سلول های بنیادی و پذیرش مسئولیت های مختلف در این ستاد و عضویت در کارگروه هایی مانند کارگروه "روش های درمان و تولید واکسن برای ویروس کوید - ۱۹" و کارگروه "حسگرها و کیت های تشخیص ویروس کوید - ۱۹" حاکی از تلاش ایشان برای مشارکت در حل چالش ها و نیاز های کلان کشور است.

امضاء رئیس شاخه



امضاء رئیس گروه

